

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-109. (cancelled)

110. (original) In a radio communication system operable to communicate multimedia information between a first multimedia device and a second multimedia device, an improvement of a wireless gateway for providing the multimedia information transmitted by the first multimedia device upon a special channel in radio-link format to the second multimedia device, said wireless gateway comprising:

a control plane information generator coupled to receive indications of the multimedia information, said control plane information generator for generating control plane information, the control plane information controlling a manner by which to provide the multimedia information, once converted into packet-data form, to the second multimedia device; and

a format converter coupled to receive indications of the multimedia information in the radio-link format, said format converter for converting the multimedia information into the packet-data form, the multimedia information, once converted into the packet-data form provided to the second multimedia device in the manner determined by the control plane information.

111. (original) In the radio communication system of claim 110, a further improvement of apparatus for the first multimedia device for initiating generation of the multimedia information, said apparatus comprising:

a real-time media source at which the multimedia information is sourced,

a requester coupled to said real-time media source to receive indications of when the multimedia information is to be communicated by the first multimedia device, said requester for requesting allocation of the special channel upon which to communicate the real-time media.

112. (original) The apparatus of claim 111 wherein said requester requests the allocation of the special channel with said control plane information generator.

113. (original) The apparatus of claim 112 wherein said control plane information generator comprises a real-time manager, said real-time manager further for exchanging signaling with said requester pursuant to the requests for the allocation of the special channel.

114. (original) The apparatus of claim 113 wherein the first multimedia device is defined in terms of logical layers, wherein said real-time media source is formed at a first logical layer and said requester is formed at a second logical layer, the first logical layer of a higher logical-layer level than the second logical layer.

115. (original) The apparatus of claim 114 wherein the first logical layer comprises an application signaling layer.

116. (original) The apparatus of claim 115 wherein the second logical layer comprises an adaptation layer.

117. (original) The apparatus of claim 116 further comprising a third logical layer, the third logical layer of a lower logical-layer level than the second logical layer.

118. (original) The apparatus of claim 117 wherein the third logical layer comprises a bearer signaling layer.

119. (new) In a radio communication system operable to communicate multimedia information between a first multimedia device and a second multimedia device, an improvement of a wireless gateway for providing the multimedia information transmitted by the first multimedia device upon a special channel in radio-link format to the second multimedia device, said wireless gateway comprising:

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a real-time media source at which the multimedia information is sourced;

a requester coupled to said real-time media source to receive indications of when the multimedia information is to be communicated by the first multimedia device, said requester for requesting allocation of the special channel upon which to communicate the real-time media;

a control plane information generator coupled to receive indications of the multimedia information, said control plane information generator for generating control plane information, the control plane information controlling a manner by which to provide the multimedia information, once converted into packet-data form, to the second multimedia device; and

a format converter coupled to receive indications of the multimedia information in the radio-link format, said format converter for converting the multimedia information into the packet-data form, the multimedia information, once converted into the packet-data form provided to the second multimedia device in the manner determined by the control plane information.

120. (new) The apparatus of claim 119 wherein said requester requests the allocation of the special channel with said control plane information generator.

121. (new) The apparatus of claim 120 wherein said control plane information generator comprises a real-time manager, said real-time manager further for exchanging signaling with said requester pursuant to the requests for the allocation of the special channel.

122. (new) The apparatus of claim 121 wherein the first multimedia device is defined in terms of logical layers, wherein said real-time media source is formed at a first logical layer and said requester is formed at a second logical layer, the first logical layer of a higher logical-layer level than the second logical layer.

123. (new) The apparatus of claim 122 wherein the first logical layer comprises an application signaling layer.

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124. (new) The apparatus of claim 123 wherein the second logical layer comprises an adaptation layer.

125. (new) The apparatus of claim 124 further comprising a third logical layer, the third logical layer of a lower logical-layer level than the second logical layer.

126. (new) The apparatus of claim 125 wherein the third logical layer comprises a bearer signaling layer.

127. (new) In a radio communication system operable to communicate multimedia information between a first multimedia device and a second multimedia device, an improvement of a wireless gateway for providing the multimedia information transmitted by the first multimedia device upon a special channel in radio-link format to the second multimedia device, said wireless gateway comprising:

a real-time media source at which the multimedia information is sourced;

a control plane information generator coupled to receive indications of the multimedia information, said control plane information generator for generating control plane information, the control plane information controlling a manner by which to provide the multimedia information, once converted into packet-data form, to the second multimedia device;

a requester coupled to said real-time media source to receive indications of when the multimedia information is to be communicated by the first multimedia device, said requester for requesting with said control plane information generator allocation of the special channel upon which to communicate the real-time media; and

a format converter coupled to receive indications of the multimedia information in the radio-link format, said format converter for converting the multimedia information into the packet-data form, the multimedia information, once converted into the packet-data form provided to the second multimedia device in the manner determined by the control plane information.

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128. (new) The apparatus of claim 127 wherein said control plane information generator comprises a real-time manager, said real-time manager further for exchanging signaling with said requester pursuant to the requests for the allocation of the special channel.

129. (new) The apparatus of claim 128 wherein the first multimedia device is defined in terms of logical layers, wherein said real-time media source is formed at a first logical layer and said requester is formed at a second logical layer, the first logical layer of a higher logical-layer level than the second logical layer.